

POPOV, M. Z.

"The Dynamics of Potassium and Calcium in the Blood of Glaucomatous Cases Under the Influence of Additional Irritants," Vest. oftalmol., 28, No.2, 1949

POPOV, M.Z.

Dynamics of sodium chloride in the blood in glaucoma. Vest.oft. 30
no.2:13-17 Mar-Apr 1951. (CIML 20:9)

1. Professor. 2. Smolensk.

POPOV, M.Z.

Pathogenesis of primary glaucoma according to Pavlovian theory.
Vest. oft., Moskva 31 no. 4:10-12 July-Aug. 1952. (CLML 22:5)

1. Professor, 2. Of the Clinic for Eye Diseases (Head -- Prof. M. Z. Popov), Smolensk Medical Institute.

POPOV, M.Z.

POPOV, M.Z., professor

Importance of capillaroscopic data in studying the pathogenesis
of primary glaucoma. Oft.zhur. 12 no.4:207-212 '57. (MIRA 10:11)

1. Iz kliniki glaznykh bolezney Smolenskogo meditsinskogo instituta.
(GLAUCOMA) (EYE--BLOOD SUPPLY)

POPOV, M.Z., Prof.

Pathogenetic fundamentals for the therapeutic use of carbonic acid
fonurit in primary glaucoma. Trudy SMI 17: 1-112 '63.
(ИМРА 18:1)
Iz kafedry glaznykh bolezney (zav. - prof. M.Z. Popov) Smolenskogo
gosudarstvennogo meditsinskogo instituta.

POPOV, M.Z., prof.; YASNETSOV, V.S., dotsent

Aminazine and diphacil in treating glaucoma. Trudy SM 16:217-227 '63.
(MIRA 18:1)

1. Iz kafedry glaznykh bolezney (zav. - prof. M.Z.Popov) i kafedry
farmakologii (zav. - prof. A.I.Mitrofanov). Smolenskogo gosudarstvennogo
meditsinskogo instituta.

POPOV, M.Z., prof.; SHAROV, N.A.

Trimecaine in ophthalmic surgery. Trudy SMI 16:264-266 '63.
(MIRA 18:1)

1. Iz kafedry glaznykh bolezney (zav. - prof. M.Z.Popov) i kafedry
gospital'noy khirurgii (zav. - prof. A.N.Kartavenko) Smolenskogo
gosudarstvennogo meditsinskogo instituta.

POPOV, M.Z. (Smolensk)

"Diseases of the eyelids and the conjunctiva." Reviewed by
M.Z. Popov. Vest. oft. 76 no.3:95 My.-Je '63.
(MIRA 17:2)

YORDANOV, Y.T. [Iordanov, I.T.]; POPOV, M.Z.; KAROLEVA, V.D.; YANCHEV, Ya.Kh.

Experience in the treatment of Waelz oxides at the Plovdiv
Nonferrous Metal Combine. TSvet. met. 36 no.1:23-30 Ja
'63. (MIRA 16:5)
(Bulgaria--Nonferrous metals--Metallurgy)

CATEGORY : Diseases of Farm Animals.
 Diseases Caused by Helminths.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12158

AUTHOR : Popov, N. B.
INST. : Kazan Veterinary Institute.
 : Preimaginal Vermifuge Treatment as a Method
 of Controlling Focal Dictyocaulosis in Calves.

ORIG. PUB. : Uch. zap. Kazansk. vet. in-ta, 1957, 68,
 118-121

ABSTRACT : The author proposes that on farms where
 enzootic dictyocaulosis had taken place
 a preimaginal (in June-July) vermifuge treat-
 ment should be carried out in all calves born
 both during that year and the year before, in
 addition to curative and prophylactic measu-
 res which were applied at the time when the
 enzooty occurred. The application of this
 method produced good results. -- A. D. Musin

Card: 1/1

POPOV, N. (Col.)

AID - P-45

Subject : USSR/Aeronautics
Card : 1/1
Author : Popov, N., Col.
Title : Physical Training of the Flying Personnel
Periodical : Vest. vozd. flota 3, 44 - 47, March 1954
Abstract : This is a general description of what the physical training of the flying personnel should consist. The purpose of this training is to develope necessary physical flying qualities. Appropriate exercises must be selected, and the training organized with this objective in mind.
Institution : None
Submitted : No date

YUGOSLAVIA

Dr. M. Stojanovic and Dr. I. Milic (70), Department of Surgery and
Traumatology of General Hospital (Kirurški odjel i Rendžerški
odjel) of Zagreb (former) "Dr. M. Stojanovic", Zagreb.

"New Considerations Regarding the Cervical Rib Syndrome."

Zdravstveni Vjesnik, Vol 24, No 10, Oct 1962; pp 1011-1020.

Abstract (German summary modified): Study of 23 patients. Of these, 17 were bilateral but usually symptoms differed considerably on the 2 sides, depending more on angle of rib with vertical axis (horizontal ribs = severe symptoms) than on length of cervical ribs. Surgical removal of rib and scalenotomy are considered essential. Eight roentgenograms, 1 Yugoslav, 1 Bulgarian, 2 Western references.

PUKHLEV, A., prof.; ASTRUG, A.; POPOV, N.; DOCHEV, D.; PETRINSKA-VENKOVSKA

Endemic nephritis in Bulgaria. Klin. med. no.8:57-65 '61.
(MIRA 15:4)

1. Iz kliniki bol'ничnoy terapii (dir. - prof. A. Pukhlev) i
Patologoanatomiceskogo instituta (dir. - prof. B. Kyrdzhiyev)
pri Vysshem meditsinskem institute v Sofii.

(BULGARIA—KIDNEY DISEASES)

KOLESNIKOV, F., inzh. (Perm'); POPOV, N.; VELIKODVORSKIY, P.;
VENGEROV, A. (g. Chimkent)

With the aid of volunteers. Sov. profsciuz 18 no.21:9
N '62. (MIRA 15:11)

1. Rabotnik Tambovskogo oblastnogo soveta professional'nykh
soyuzov (for Popov). 2. Predsedatel' obshchestvennogo
ekonomiceskogo soveta Onezhskogo traktornogo zavoda,
g. Petrozavodsk (for Velikodvorskiy). 3. Neshtatnyy
korrespondent zhurnala "Sovetskiye profsoyuzy"
(for Vengerov).

(Technological innovations)

POPOV, N.

Major improvement methods of navigation conditions in the
Kama Basin. Rech. transp. 22 no.8:36-39 Ag '63. (MIRA 16:10)

1. Glavnnyy inzh. Kamskogo basseynogo upravleniya puti.
(Kama Valley--Hydraulic engineering)
(Inland navigation)

POPOV, N.

Graphic method for calculating tailrace water levels as related to
daily flow regulation under winter conditions. Rech. transp. 19
no. 2:38-40 F '60. (MIRA 14:5)

1. Glavnyy inzh. Kamskogo basseynovogo upravleniya puti.
(Hydroelectric power stations) (Hydraulic engineering)

SEMEKOVA, L.; DZHELOMANOV, V.; POPOV, N.; TEL'TSOVA, A. (g. Ivanovo)

In the trade union organizations. Sov.profsoiuzy 6 no.18:70-
71 D '58. (MIRA 12:2)

1. Sekretar' Odesskogo oblasnogo soveta profsoyuzov.
(Trade unions)

POPOV, N.

POPOV, N.

Economic relations of the German Democratic Republic with under-developed countries. Vnesh. torg. 27 no.12:8-11 '57. (MIRA 10:12)
(Germany, East--Foreign economic relations)

Popov, N.

USSR/General Division - General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25642

Author : Popov, N.

Inst :

Title : Farming in Bulgaria.

Orig Pub : Sots. s. kh. 1956, No 7, 84-89

Abst : No abstract.

Card 1/1

LUCHIN, A.; FILIPPOV, A.; POPOV, N.

How we prepared for work with the new wage schedules.
Sots. trud no.12:76-79 D '56. (MLRA 10:2)

1. Nachal'nik byuro organizatsii truda i zarabotnoy platy
staleliteynogo tsekha Nevskogo mashinostroitel'nogo zavoda
imeni Lenina. (for Luchin).
(Wages)

POPOV, N.; KABLUCHKO, A.

A book on the Hungarian economy and foreign trade ("Hungary; its economy and foreign trade." V.H.Myskov. Reviewed by N.Popov, A.Kabluchko. Vnesh.torg.26 no.6:29-30 Je '56. (MLRA 9:9) (Hungary--Economic conditions) (Hungary--Commerce)

TSONCHEV, V.; POPOV, N.

The rheumatoid factor (RF, rheuma factor, agglutination activating factor, RA factor). Suvrem med., Sofia no.1:125-131 '61.

(ARTHRITIS RHEUMATOID immunol)

POPOV, N.; TIKHOLOV, K.

On uropepsin and its diagnostic significance. Suvrem med., Sofia
no.2:85-92 '61.

I. Katedra po bolnichna terapiia pri Visshiaia meditsinski institut,
Sofilia (Rukov. na katedrata prof. A. Pukhlev.)

(UROPEPSIN chemistry)

S

Country : USSR
Category: Human and Animal Morphology (Normal and Pathological).
Nervous System Peripheral Nervous System

Abs Jour: RZhBiol., No 2, 1959, No 7534

Author : Popov, N.
Inst : Arkhangelsk Medical Institute
Title : Comparative Anatomical Investigation of the Cervical
Sector of the Sympathetic Nervous System: Preliminary
Report.

Orig Pub: Sb tr. Arkhang med. in-t, 1957, vyp. 17. 135-142

Abstract: Peculiarities of structure of the cervical sector
of the sympathetic nervous system were discovered
in 5 birds, 3 guinea pigs, 5 rabbits, jacks, 9
dogs, 1 cow, and 20 human cadavers. In all studied
animals there are superior cervical sympathetic and

Card : 1/2

S-14

POPOV, N.; MILOSHEVSKI, A.

Evaluation of flooding areas in irrigation. Khidrotekh i melior
7 no.1:28-29 '62.

POPOV, N.

"The Doors in Bulgarian Architecture of the Past. v. 13", (ARKHITETKURAL STROYITELSTVO)
Vol. 3, No. 5, 1952, Sofiya, Bulgaria.

SO: Monthly List of East European Accessions L.C. Vol. 2, No. 11, Nov. 1953, Uncl.

POPOV, N.

11G37

USSR/Agricultural Machinery 4302.0500 Aug 1947

"Mobile VIME Grain Drier," N. Popov, 1st pp

/ "MTS" No 8

General discussion of temperature necessary to dry different varieties of grain, percentage of moisture extracted from grain, means of moving the drier, length of operation of the drier, capacity and fuel needed to operate the drier, etc. Drier pictured.

LC

11G37

TOLOV, N.

Cotton-Picking Machinery

New Machines for the harvesting and initial processing of cotton. Tekhnika. No. 13, No. 13, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

POPOV, N.

Norms in pharmacy work and their application in Bulgaria.
Farmatsiia, Sofia 4 no.4:23-29 July-Aug 54.

1. Nauchno-issledovatelski institut po farmatsiia, Sofia
Direktor: G.Todorov.
(PHARMACY,
in Bulgaria, organiz. of work)

POPOV, N.

"Contact Committees are an Important Factor for Improvement of Drug Provisioning." p. 3,
(ZDRAVEN FRONT, No. 42, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

POPOV N.

"Termicheskoye razlozheniye goryuchikh slantsev," p. 23

Goryuchiye Slantsy, No. 1, 1931

POPOV, N.

Every collective farm should have its own supply of local building materials. Sel', strel. 11 no.3:13 Mr '56. (MLRA 9:7)

1.Sekretar' Tarskogo raykoma Kommunisticheskoy partii Sovetskogo Suyuz, Omskoy oblasti.
(Building materials)

POPOV, N., dotaent, kandidat tekhnicheskikh nauk, inzhener-podpolkovnik.

Determining the strength of piles driven by diesel-powered hammers. Mor.flot 7 no.6:39-42 Je '47. (MLRA 9:5)
(Piling (Civil engineering))

PLAKSIN, S.; POPOV, N.

Useful manual ("Organization and conduct of foreign trade" by J. Mykryn
and others. Reviewed by S. Plaksin, N. Popov) [with English summary
in insert]. Vnesh. torg. 28 no.3:45-46 '58. (MIRA 11:5)
(Commerce)

POPOV, N.

"Contributions to the Morphogenesis and Histogenesis of the Lungs in the Human Embryo."

p. 7 (Izvestiia, Vol. 2, 1957, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, No. 11,
Nov. 1958

POPOV, N.

Contribution to cutaneous histogenesis in the human embryo. I. Histo-
genesis of the skin of the head. Nauch. tr. vissh. med. inst. Sofia
40 no.5:119-140 '61.

1. Predstavena ot akad. prof. A. Khadzhiolov, rukovoditel na katedrata
po khistologii i embriologii.

(SKIN embryol)

POPOV, N.; DRACHEVA, N.

Development of the export potentialities and import requirements
of the German Democratic Republic. Vnesh. torg. 42 no.2:21-27
'62. (MIRA 15:2)

(Germany, East--Commerce)

POPOV, N.

KRI.SAVTSEV, I., inzh.; POPOV, N., inzh.

Heat insulation products made of rock wool in Finland. Stroi. mat.
4 no.3:37 Mr '58. (MIRA 11:3)

(Finland--Insulation (Heat))

POPOV, N.; LONGHINO, A.; TOMASEO, I.

Successful surgical treatment of two cases of heart injuries.
Lijec. vjes. 76 no.1-2:24-28 1954.

1. Iz Kirurske klinike Medicinskog fakulteta u Zagrebu.
(WOUNDS AND INJURIES
*heart, knife & bullet inj., surg.)
(HEART, wounds & injuries
*knife & bullet inj., surg.)

POPOV, N.

Studies on immunity tests with Rh-sensitized and papain and trypsin treated erythrocytes in blood diseases. Suvrem. med., Sofia 8 no.2: 43-49 1957.

1. Iz Nauchnoissledovateiskia institut po khematologii i krovoprelivane.
(BLOOD DISEASES, immunology,

Rh-sensitized & papain & trypsin treated erythrocyte
immun. tests (Bul)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342
BULGARIA/ Medical and Animal Physiology - Blood. Blood Groups.

Abs Jour : Ref Znur Biol., No 3, 1957, 126

Author : Popov, N.

Inst : Immunohematological Study of Some Tests for Detection

Title : of Antithrombocytic Antibody

Orig Pub : S"vrem. med., 1957, 8, No 11, 106-112

Abstract : Specimens were subjected to laboratory analysis for detection of thrombocytic antibody: Kissmeyer-Nielson (KN), with mixing (Dosse), with use of serum antiglobulin, and with prolongation of clot retraction. In some instances a suspension of blood platelets was used for the KN reaction instead of an extract of platelets, and the serum antiglobulin reaction was carried out to detect drug sensitivity. The serum antiglobulin proved to be the most sensitive reaction; the reaction with mixing gave the least number of positive results.

Card 1/2

Hematology & Blood Transfusion

POPOV, N.

Determination of antileukocyte antibodies by utilization of anti-globulin serum. Suvrem. med., Sofia 8 no.11:113-118 1957.

1. Iz Nauchnoizsledovatelskia institut po khematologija i krovoprelivane --Sofia (Direktor: A. Anastasov) i Vtora gradska detska bolnitsa--Sofia (Gleven lekar: P. Belopitov).

(ANTIBODIES,

anti-leukocyte, determ., Steffen's method (Bul))

(LEUKOCYTES,

anti-leukocyte antibodies, determ., Steffen's method (Bul))

POPOV, N.; BOIADZHIEVA, M.

Methods for antistreptolysin reaction & titer values in blood in 324
normal persons. Suvrem. med., Sofia 8 no.12:33-38 1957.

1. Iz Vtora gradска детска болница--Sofia (Gl. lekar: P. Belopitov).
Gradskata sanepidstantsiia--laboratorien otdel (Nachalnik: Mnr. Georgiev).
(STREPTOLYSIN, antagonists,
antistreptolysin titer in 324 normal persons (Bul))

POPOV, N.S.

Problems of immunothrombocytopenias. Probl. genet. i perel. krovi
4 no.6:26-28 Je '59. (MIRA 12:8)

1. Iz 2-y gorodskoy detskoy bol'niitsy v Sofii (glavnnyy vrach P.
Belopitov).

(BLOOD PLATELETS
immunothrombopenias (Rus))

POPOV, N.

New serological methods for the detection of antibodies in allergic diseases. Suvrem.med., Sofia no.9/10:135-140'59.

1. Iz Detskata protivorevmatichna bolnitsa v Sofiiia. Gl.lekar:
P. Belopitov.
(ALLERGY diag.)

POPOV, N.; RUMENIOVA, A.; BOYADZHIYEVA, M. (Sofiya)

Antistreptolysin titer in certain childhood diseases. Pediatriia
37 no.4:52-55 Ap '59. (MIRA 12:6)

1. Iz 2-y gorodskoy detskoy bol'nitsy (glavnnyy vrach P.Belopitov)
i Gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnnyy vrach
G.Petrov).

(PEDIATRIC DISEASES, blood in
antistreptolysin O titer (Rus))
(ANTISTREPTOLYSIN, in blood
O, in pediatric dis. (Rus))

POPOV, N.; BELOV, D. (Sofiya)

Dynamics of serum glycoproteins in 20 children during the
active phase of rheumatic fever. Pediatrilia 38 no.8:21-
24 Ag '60. (MIRA 13:12)

1. Iz gorodskoy detskoy protivorevmaticeskoy bol'nitsy (glavnnyy
vrach P. Belopitov).
(RHEUMATIC FEVER) (GLYCOPROTEINS)

POPOV, N.

Bulgaria

Pharmacy Administration, Scientific Research Group ,
"Pharmacy Work." (Upravlenie aptechno, Nauchnoizsledovatelska
grupa "Aptecho Delo"), Director: N. POPOV.

Sofia, Farmatsiya, No 5, 1965, pp 255-257.

"Upon Some Problems of the Free of Charge Dispensary-
Polyclinic Medicinal Treatment of Out-Patients."

Co-author:

GROZDANOVA, V.

POPOV, N.

Bulgaria

Administration of Pharmacology, NIG [abbr unknown] "Pharmacy
Work"(Upravlenie Aptecho, NIG "Aptecho Delo"), Director:
N. POPOV.

Sofia, Farmatsiya, No 6, 1965, pp 331-338.

"Investigation and Establishment of Indices for New Staff
Norms for the Pharmacies."

Co-authors:

GEORGIEV, At.
DRENOVSKI, St.

PUCHLEV, Al. dr.; POPOV, N. dr.; ASTRUG, A., dr.; DOTSCHEV, D., dr.;
PETRINSKA-WENKOVSKA, S. dr.

Endemic nephropathy in Bulgaria. Orv. hetil. 105 no.35:1642-1647
Ag 30 '64.

1. Szofiai Belklinika (igazgato: Al. Puchlev dr.) es Korbonctani
Intezet (igazgato: B. Kardshiev dr.).

POPOV, N.; DOBREV, P.

A case of mixed infection, syphilis + tuberculosis of the skin. Dermat. vener. Sofia 3 no.1:4-5 '64.

1. Provincial Dermatovenerologic Station, Khaskovo (Chief Physician: N. Popov).

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POPOV, N.; BOIADZHIEVA, M.; KHRISTOV, K.

Determination of the time factor in preparing liquid medicinal forms. Trud Khim-farmatsevt inst 4:117-118 '63.

Determination of the time factor in preparing pulverulent medicinal forms. Ibid. 119-120

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POLOV, N.

President of the Central Statistical Bureau of Bulgaria (a Bulgarian state-
owned firm). His name was first published in 1983.

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ASTREYEVA, O.M.; GUSEVA, V.I.; POPOV, N.S.

Studying the formation processes of calcium hydrosulfoaluminate
using photomicrograph equipment. TSement 27 no.6:23-25 N-D
'61. (MIRA 15:3)

(Photomicrography) (Calcium aluminate ferrates)
(Calcium aluminates)

POPOV, N.A.

Course of cerebral abscesses during prolonged use of antibiotics. Vop. psikh. i nevr. no.9:344-352 '62.

(MIRA 17:1)

1. Leningradskaya oblastnaya klinicheskaya bol'nitsa.

POPOV, N.A.

Clinical aspects of tumors of the spine and the spinal cord;
difficulties and mistakes in diagnosis. Vop. psikh. i nevr.
no.9:275-284 '62. (MIRA 17:1)

1. Leningradskaya oblastnaya klinicheskaya bol'nitsa i
klinika nervnykh bolezney Instituta usovershenstvovaniya
vrachey imeni S.M. Kirova.

Popov, N.A.

The development and the respiration of fish eggs at different partial pressures of oxygen. A. N. Trofimova and N. A. Popov. *Uchenye Zapiski Leningrad. Gosudarstv. Univ., Ser. Biol.* [5], 3, 335-44 (1937) (German summary). — Salmon and perch eggs can develop normally at a lowered partial pressure of O₂ (for salmon 1/4, for perch 1/4 or normal). A 25% reduction in respiration takes place when the partial pressure of O₂ is reduced 5 times. Normal development of perch eggs is possible although slightly reduced, when the respiration is reduced 25%. The eggs perish when a 50% reduction is reached. Salmon eggs can withstand the reduction of partial pressure only if the CO₂ which reduces the pH is removed. Twenty-two references. W. R. Henn

ASME-LA METALLURGICAL LITERATURE CLASSIFICATION

POPOV, N. A.

Sawmills

Efficient technological operation of the lumber-sawing and wood-processing enterprise, Les. prom., 12, No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED

Popov, N.A.

USSR/Physics - Electric gas discharge

FD-742

Card 1/1 : Pub 146-12/22

Author : Kaptsov, N. A., and Popov, N. A.

Title : Flash of electric discharge in gases on alternating current of audio frequency in tubes with external and internal electrodes.

Periodical : Zhur. eksp. i teor. fiz., 27, 97-102, Jul 1954

Abstract : Flash and discharge glow in tubes with external and internal electrodes is analyzed in relation to frequencies of applied voltage. Using external electrodes an unstable discharge was found at low voltages and a stable one at high voltages. At a frequency of 10 kc curves of flash voltage vs. frequency tend to overlap. 7 foreign references.

Institution : Moscow State University

Submitted : November 28, 1953

POPOV, N.A.; KAPTSOV, N.A.

Investigation of an intermediate frequency discharge occurring between high frequency and low audio frequency discharges at low gas pressure.
Zhur.eksp.i teor. fiz. 30 no.1:68-76 Ja '56. (MLRA 9:7)

l.Moskovskiy gosudarstvennyy universitet.
(Electric discharges through gases)

POPOV, N. A., IA. F. FITERMAN and N. K. BARKOV

Eksploataatsiya digroagregatov. Leningrad, Gosenergoizdat, 1949. 260 p. illus.
Bibliography: p. 260.

Operation of hydraulic units.

DLC: TJ870.B3

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

POPOV, N.A.

Inland Navigation

Hydraulic calculations in projection new ship courses. Rech.transp. 12 no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952 1951, Uncl.

POPOV, N.A.

Hydraulic engineering

Hydraulic computation during projection of a new ship course. Rech.transp. 12 No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 ~~1953~~, Uncl.

POPOV, Nikolay Alekseyevich; SHELGUNOV, Nikolay Konstantinovich;
VINOGRADOVA, N.M., red.izd-va; YERMAKOVA, T.T., tekhn.red.

[Using hydraulic calculations in the designing of navigation channels]. Opyt primeneniia gidravlicheskikh raschetov pri proektirovaniu sudovykh khodov. Minsk, Izd-vo "Rechnoi transport," 1958. 94 p.
(Inland navigation) (Hydraulic engineering) (MIRA 11:12)

POPOV, N.A. [Popov, M.A.]

Determining the period of free diurnal nutation of the earth from
latitude observations. Dop. AN URSR no.2:196-199 '65.
(MIRA 18:2)
1. Poltavskaya gravimetricheskaya observatoriya AN UkrSSR.

L 40789-65 EWT(1)/EWT(m)/EPF(c)/EPF(n)-2/EWG(m)/EPA(w)-2/EWP(j) Po-4/
Po-4/Pz-5/Pab-10/Pr-4/Pi-4 IJP(c)/RPL WW/AT/RM
ACCESSION NR: AP4047639 S/0192/64/005/005/0800/0802

54
52
B

AUTHOR: Popov, N. A.

TITLE: On plasma oscillations of π -electrons in cumulenes

SOURCE: Zhurnal strukturnoy khimii, v. 5, no. 5, 1964, 800-802

TOPIC TAGS: plasma oscillations, pi electron, cumulenes, one dimensional metal model, structural chemistry

ABSTRACT: Plasma oscillations in onedimensional systems are frequently investigated, the π -electrons of polyenes being used as a model. However, it is possible that a realistic model of a one dimensional metal will be a sufficiently long molecule of an organic cumulen $H_2-(=C=N)=H_2$. The cumulens, unlike the polyenes are strictly linear, and have two π -electrons systems, resulting in a new branch of collective vibrations originating in the transition from one π -electron system to another. A Hamiltonian is obtained in the LKAO approximation, by neglecting differential overlapping everywhere, with the exception of the resonance

Card 1/2

L 40789-65

ACCESSION NR: AP4047639

integral, and by applying cyclic boundary conditions. The organic cumulenes may be the only model of a one-dimensional metal in which the plasma oscillations can be investigated experimentally. The present considerations concerning cumulene structure evolved in a discussion with E. M. Shusterovitch. Orig. art. has: 11 equations.

ASSOCIATION: Institut obshey i neorganicheskoy khimii im. N. S. Kurnakova AN SSSR (Institute of General and Inorganic Chemistry AN SSSR)

SUBMITTED: 27May64

ENCL: 00

SUB CODE: GC

NR REF SOV: 002

OTHER: 008

303
Card 12/2

Popov, N.A., aspirant

Use of bactocoumarin in the extermination of rats. Veterinarija
41 no.2:90-91 F '65.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii.

POPOV, N.A.

Plasma oscillations of π -electrons in cumulenes. Zhur. strukt. khim. 5 no.5:800-802 S-6 '64 (MIRA 12:1)

1. Institut obshchey i neorganicheskoy khimii Tsentral'noi chernovoi AM SSSR.

POPOV, N.

Biochemical aspects in the drug therapy of progressive muscular
dystrophy. Nevropsikh revrokhir 3 no.2:126-130 '64.

1. Scientific Research Institute of Neurology and Psychiatry,
Sofia (Director: Prof. G. Ganev).

SHUSTOROVICH, Ye.M.; POPOV, N.A.

Electronic structure and properties of cumulated systems. Part 4:
Some special features of the systems containing mutually perpen-
dicular π -bonds. Zhur. strukt. khim. 5 no.5:770-776 S-0 '64
(MIRA 18:1)

1. Institut obshchey i neorganicheskoy khimii imeni N.S. Kurnakova
AN SSSR.

POPOV, N.A.

Clinical aspects and diagnosis of the arachnoidal endotheliomas of
the tuberculum sellae turcicae. Och. klin. nevr. no. 23125-136 '64
(MIRA 18:i)

L 24187-65 ENT(m)/EPF(c)/ENP(j) PC-4/Pr-4 RM

ACCESSION NR: AP4047637

S/0192/64/005/005/0770/0776

AUTHOR: Shustorovich, Ye. M.; Popov, N. A.

TITLE: Electronic structure and properties of cumulate systems

4. Some characteristics of systems containing mutually perpendicular π -bonds

SOURCE: Zhurnal strukturnoy khimii, v. 5, no. 5, 1964, 770-776

TOPIC TAGS: electronic structure, cumulated organic system, perpendicular π bond, self consistent molecular orbit, ionization potential, electron affinity, structural chemistry, allene, acetylene

ABSTRACT: In a previous work (Zh. Struct. Khimii 5, 325 (1964)) the authors offered a general consideration concerning the structure of organic cumulenes $H_2C(-C=)_nCH_2$, by using the method of self-consistent molecular orbits in the J. A. Pople's approximation (Trans. Faraday Soc. 49, 1375 (1953)). By using the results of the former work, in the present paper expressions are given for the ionization potentials of allene and acetylene which are compared with that of

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L 24187-65

ACCESSION NR: AP4047637

2

ethylene. Expressions are also found for the ionization potentials and electron affinities for the organic cumulenes with $n=1, 2, 3$, and ∞ , and the results are generalized for the case of infinite chains of organic polyacetylenes $H(-C=C-)_{\infty}H$ and inorganic cumulenes ($=A=B=$) $_{\infty}$. Orig. art. has: 1 table, and 13 equations.

ASSOCIATION: Institut obshchey i neorganicheskoy khimii im. N. S. Kurnakova AN SSSR (Institute of General and Inorganic Chemistry, AN SSSR)

SUBMITTED: 27 May 64

ENCL: 00

SUB CODE: EC, OC

NO REF SOV: 005 OTHER: 012

Card 2/2

POPOV, N.A., doktor tekhn. nauk, prof., zasluzhennyy deyatel' nauki i
tekhniki; PODOLYAK, F.S., inzh.

Using expanded vermiculite in the manufacture of large panels.
Stroi. mat. 10 no.2,18-19 F '64.
(MIRA 17:6)

L 15269-65

ACCESSION NR: AP5001206

S/0251/64/035/002/0349/0354

AUTHOR: Popov, N. A.; Khomeriki, G. P.

TITLE: Agglomeration of material by the method of upper suction of gases

SOURCE: AN GruzSSR. Soobshcheniya, v. 35, no. 2, 1964, 349-354

TOPIC TAGS: structural mineral product, agglomeration method

ABSTRACT: Experimental work has been completed on a method of agglomeration utilizing air passing through the charge from the bottom. Details of the facility and process are given, stressing its advantages. A pilot plant is under construction by the Institute. Orig. art. has: 1 table.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy institut stroitel'nykh materialov, Tbilisi (State Scientific Research Institute of Building Materials)

SUBMITTED: 14Apr64

ENCL: 00

SUB CODE: MT

NO REF SOV: 000

OTHER: 00

JPRS

Card 1/1

PCPOM N.A.

Diagnosis of arachnoidocele of the posterior cranial fossa
turcicae. Zhur. nev. i psich. 1981, no.8 1119-1125 (U.S.)

(MIL 10;12)

I. Kafedra nevrochirurgii (zavodovishchnyi dok. I. A. Ivanitskii,
Voyennoc-meditsinskay akademii im. N.N. Biko) i Nevrochirurgicheskiy
institut im. A.I. Polenova (doktor V.V. Goryunov), Leningrad.

POPOV, N.A.

Clinical aspects and diagnosis of arachnitis of the optic chiasm. Zhur. nevr. i psich. 64 no.9:1283-1289 '64.
(MIRA 17:12)

1. Kafedra neyrokhirurgii (zaveduyushchiy B.I. Samotokin)
Voyennoc-meditinskoy akademii im. S.M. Kirova i Neyrokhirurgicheskiy
institut im. A.L. Polenova, Leningrad.

POPOV, N.A., prof. (Leningrad)

Clinical aspects and diagnosis of arachnoid endothelioma of
the tuberculum of the sella turcica. Vop. neirokhir. 26
no.5:10-12 S-0'62 (MIRA 17:4)

1. Kafedra neyrokhirurgii Voyenno-meditsinskoy ordena Lenina
akademii imeni S.M. Kirova.

POFGV, Nikolay Anatol'evich p., doktor tekhn. nauk, zasl.deyatel'
nauki i tekhniki RSFSR; CHUYKO, Aleksandr Vladimirovich;
RYB'YEV, I.A., doktor tekhn. nauk, prof., retsenzent

[Principles of the technology of structural products] Os-
novy tekhnologii stroitel'nykh izdelii. Moskva, Stroiz-
dat, 1964. 214 p. (MIRA 17:9)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut
(for Ryb'yev).

POPOV, N.A., zasl. deputat nauki i tekhniki, doktor tekhn. nauk,
prof., red.; YERZEL'YANOVA, M.D., red.

[Manufacture and use of vermiculite] Proizvodstvo i pri-
menenie vermikulita. Pod red. N.A. Popova. Moskva, Stroi-
izdat, 1964. 155 p. (MIRA 17:7)

1. Ural'skiy gosudarstvennyy nauchno-issledovatel'skiy in-
stitut sbornykh zhelezobetonykh izdeliy i konstruktsiy.

POPOV, N.A., doktor tekhn. nauk; IVANOV, I.A., kand. tekhn. nauk

Efficient means of the overall utilization of ash from
electric power plants. Stroi. mat. 9 no.8:5-8 Ag'63.
(MIRA 17:5)

POPOV, N.A.

Cholesteatoma of the cauda equina following pneumococcal meningitis
in a child. Vop.psikh.i nerv. 8:392-396 '62. (MIRA 17:4)

1. Iz nervnogo i neyrokhirurgicheskogo otdeleniya Leningradskoy
oblastnoy klinicheskoy bol'nitsy (glavnnyy vrach A.P.Yegorova).

SHCHEPOT'YEV, N.V.; POPOV, N.A.

Principles for the organization of rodent control on railroads. Zhur. mikrobiol., epid. i immun. 33 no.7:82-87 J1 '62.
(MIRA 17:1)

1. Iz Dorozhnoy protivochumnoy laboratorii i Volgogradskoy sanitarno-epidemiologicheskoy stantsii Privolzhskoy zheleznoy dorogi.

~~POPOV, N.A.~~

Clinical aspects of tumors of the spinal cord and the spine;
- about some difficulties and errors of diagnosis. Zhur. nevr.
i psikh. 63 no.2:161-166 '63 (MIRA 16:11)

1. Leningradskaya oblastnaya klinicheskaya bol'nitsa.

POPOV, N.A.

Automation laboratory at the Novolipetsk Metallurgical Plant.
Zav.lab. 29 no.7:883-884 '63. (MIRA 16:3)
(Novyy Lipetsk—Metallurgical laboratories) (Automation)

POPOV, N.A., zasl. deyatel' nauki i tekhniki, prof.; KRASNOVA, G.V.,
[redacted] cand. tekhn. nauk; VINOGRADOV, B.N., inzh.; ROGACHEVA, O.I.,
inzh.; GLEZAROVA, I.L., red.; BOROVNEV, N.K., tekhn. red.

[Lightweight autoclave concretes with porous filters] Legkie
avtoklavnye betony na poristykh zapolniteliakh. Moskva, Gos-
stroizdat, 1963. 92 p.
(MIRA 16:7)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury
SSSR (for Popov).
(Concrete)

POPOV, N.A.

Determination of the diurnal nutation from observations of
bright zenith stars at Poltava. Astron. zhur. 40 no.3:553-555
My-Je '63. (MIRA 16:6)

1. Gravimetriceskaya observatoriya AN UkrSSR.
(Nutation)

LUKATSKAYA, I.A.; POPOV, N.A.; POTOKIN, V.S.; TYULINA, M.A.

Power vacuum arc-arresting chamber. Biul.tekh.-ekon.inform.
Gos.nauch.-issl.inst.nauch. i tekhn.inform. no.3:48-50 '63.
(MIRA 16:4)

(Electronic tubes)

POPOV, N.A., prof.; ORENTLIKHER, L.P., kand. tekhn. nauk; DERYUGIN,
V.M., inzh.; ORENTLIKHER, L.P., kand. tekhn. nauk;
SOKOL'SKIY, I.F., red.izd-va; TARKHOVA, K.Ye., tekhn. red.

[Quick-hardening lightweight concretes made with wet-ground
cement] Bystrotverdeishchie legkie betony na tveremte mok-
rogo domola. Pod red. N.A. Popova. Moskva, Gosstroisdat,
1963. 147 p. (MIRA 16:5)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury
SSSR (for Popov).
(Lightweight concrete) (Cement)

BARKHATINOVA, T.G.; POPOV, N.A.; FATEYEV, A.A.; FRISHBERG, V.D.

Distinction between low caking and noncaking coals in the Kuznetsk
Basin. Koks i khim. no.8:3-4 '61. (MIRA 15:1)

1. Vostochnyy uglekhimicheskiy institut.
(Kuznetsk Basin--Coal)

POPOV, N.A.

Introducing new standards for round timber. Standartizatsiia
25 no.10:23-25 O '61. (MIRA 14:9)
(Lumber--Standards)

POPOV, N. A.

"Problem of the impoverishment of metallo-ceramic volatile components
in vacuum heating."

Report presented at the 1st All-Union Conference on Heat- and Mass- Exchange,
Minsk, PSSR, 5-9 June 1961

ORLOV, Aleksandr Yakovlevich, zasl. deyatel' nauk USSR; AKSENT'YEVA, Z.N.,
otv. red.; LAVRENT'YEVA, Ye.V., starshiy nauchnyy sotr., red.;
POPOV, N.A., starshiy nauchnyy sotr., red.; FEDOROV, Ye.P.,
starshiy nauchnyy sotr., red.; ORLOV, B.A., starshiy nauchnyy
sotr., red.; LABINOVA, N.M., red. izd-va; RAKHLINA, N.P., tekhn.
red.

[Selected works in three volumes] Izbrannye trudy v trekh tomakh.
Kiev, Izd-vo Akad. nauk USSR. Vol.3. 1961. 242 p. (MIRA 15:1)

1. Deystvitel'nyy chlen AN USSR, Chlen-korrespondent AN SSSR (for
Orlov). 2. Chlen-korrespondent AN USSR (for Aksent'yev). 3. Pol-
tavskaya gravimetriceskaya observatoriya (for Lavrent'yeva,
Popov, Fedorov). 4. Glavnaya astronomicheskaya observatoriya v
Pulkove (for Orlov).

(Geophysics)

POPOV, N.A.; SHCHEPOT'YEV, N.V.

Use of zoocumarin (warfarin) in rat extermination. Zhur. mikrobiol.
epid. i immun. 31 no. 5:117 My '60. (MIRA 13:10)

1. Iz Stalingradskoy sanitarno-epidemiologicheskoy stantsii
Privolzhskoy zheleznoy dorogi i Dorozhnoy protivochumnoy laboratorii.
(WARFARIN) (RATS—EXTERMINATION)

POPOV, N.A.

Clinical aspects of an arachnoidal endothelioma of the posterior
cranial fossa. Sbor. trud. Len. nauchn. ob-va nevr. i psikh. no.6:
(MIRA 13:12)
28-39 '59.

1. Iz Leningradskoy oblastnoy klinicheskoy bol'nitsy i Neyrokhirur-
gicheskogo instituta imeni A.L. Polenova.
(BRAIN-TUMORS)

ROZENBERG, V.A.; VASIL'YEV, N.G.; MAN'KO, Yu.I.; POPOV, N.A.; KURENTSOVA, G.E.

Relation of the pine (*Pinus koraiensis*) and oak (*Quercus mongolica*)
in the southern Maritime Territory. Soob.DVFAN SSSR no.12:89-95 '60.
(MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya
AN SSSR.
(Maritime Territory--Forest ecology) (Oak) (Pine)

POPOV, N.A., prof.

Clinical aspects of tumors of the temporal lobe; difficulties and errors in diagnosis. Vop.neirokhir. 23 no.5:38-42 S-O '59.

(MIRA 12:11)

1. Nervnoye i neyrokhirurgicheskoye otdeleniya Leningradskoy oblastnoy klinicheskoy bol'nitsy.

(TEMPORAL LOBE neoplasms)

POPOV, N.A.

Clinical aspects of tumors of the sensory-motor region; on certain difficulties and errors in diagnosis. Zhur.nevr.i psikh. 59 no.9: 1062-1067 '59. (MIRA 12:11)

1. Kafedra nervnykh bolezney (zav. - prof. S.N. Davidenkov) Instituta usovershenstvovaniya vrachey im. S.M. Kirova i Oblastnaya klinicheskaya bol'ница, Leningrad.
(BRAIN neoplasms)

5.4000,24.2120

77336
SOV/57-30-1-15/18

AUTHOR: Popov, N. A.

TITLE: Transfer of Ignition Energy From the Discharge From
Circuit-Opening to the Gaseous Mixture

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1960, Vol 30, Nr 1,
pp 105-109 (USSR)

ABSTRACT: Introduction. When opening a switch carrying a low power current a discharge takes place between the contacts which may often start an explosion in a gaseous mixture surrounding the switch. The author investigated the influence of different physical factors on the ignition probability of gaseous mixtures. I. Investigation of the Discharge Temperatures. The temperature inside the discharge channel was measured comparing intensities of two spectral lines with $\lambda = 5105.54$ and 5153.24 , or 5105.54 and 5218.20 Å, and utilizing the Boltzman formula for thermal equilibrium.

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Transfer of Ignition Energy From the Dis-
charge From Circuit-Opening to the Gaseous
Mixture

77336
SOV/57-30-1-15/18

$$T = \frac{11800}{\ln \frac{I_{5105}}{I_{5153}} + 1.44}, \quad (1)$$

or using an average of

$$T = \frac{12030}{\ln \frac{I_{5153}}{I_{5153}} + 1.44} \text{ and } T = \frac{12030}{\ln \frac{I_{5105}}{I_{5218}} + 2.12}, \quad (2)$$

where I - spectral intensity of the line correspond-
ing to a wavelength stated in the subscript. The
absence of self-absorption was tested by observing
the constancy of the 5153 and 5218 lines which are
components of one doublet, and was achieved by using
small amounts of copper on iron base. The author
used the ISP-22 quartz spectrograph with GOST 2817-50

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